

1/6

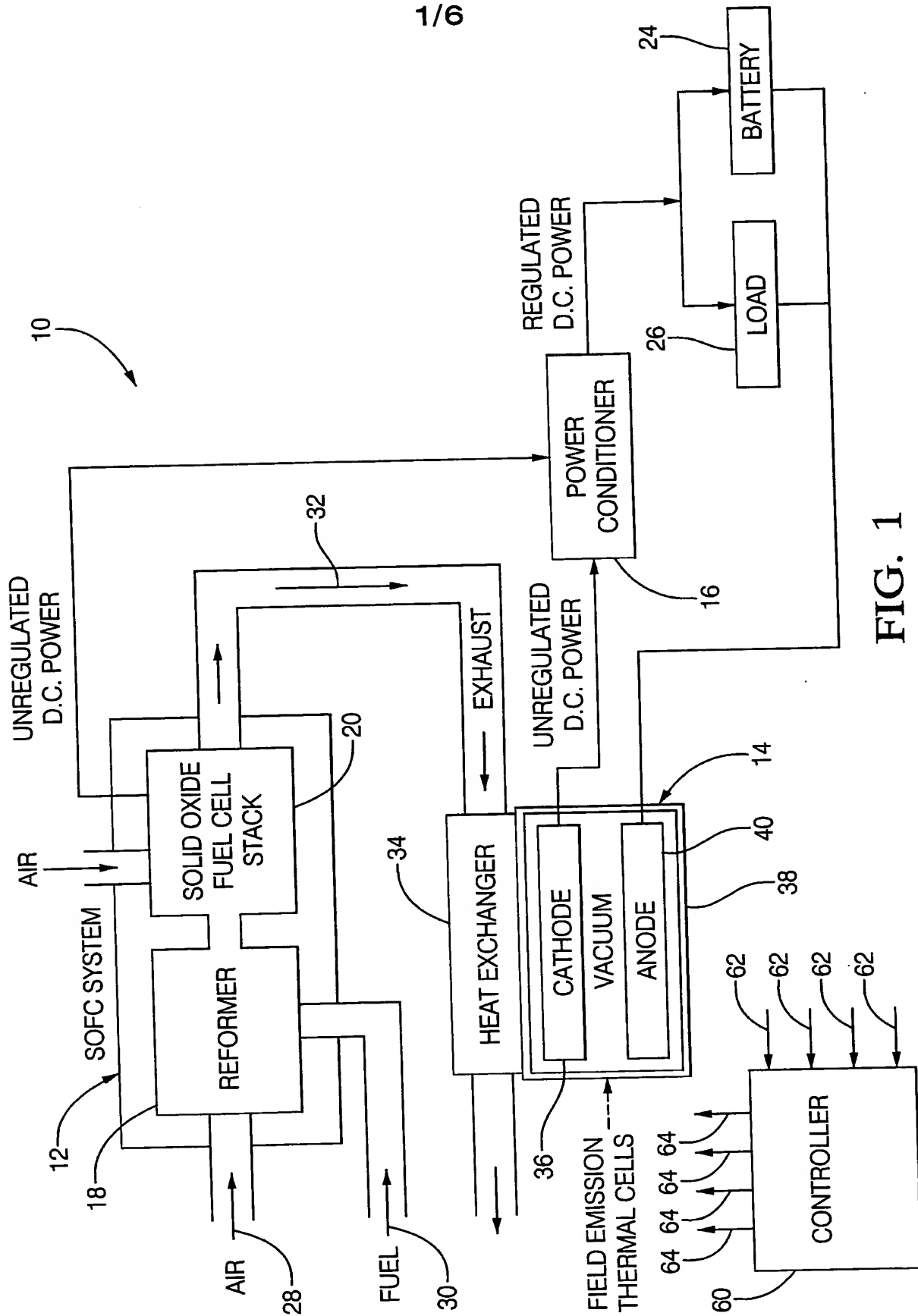


FIG. 1

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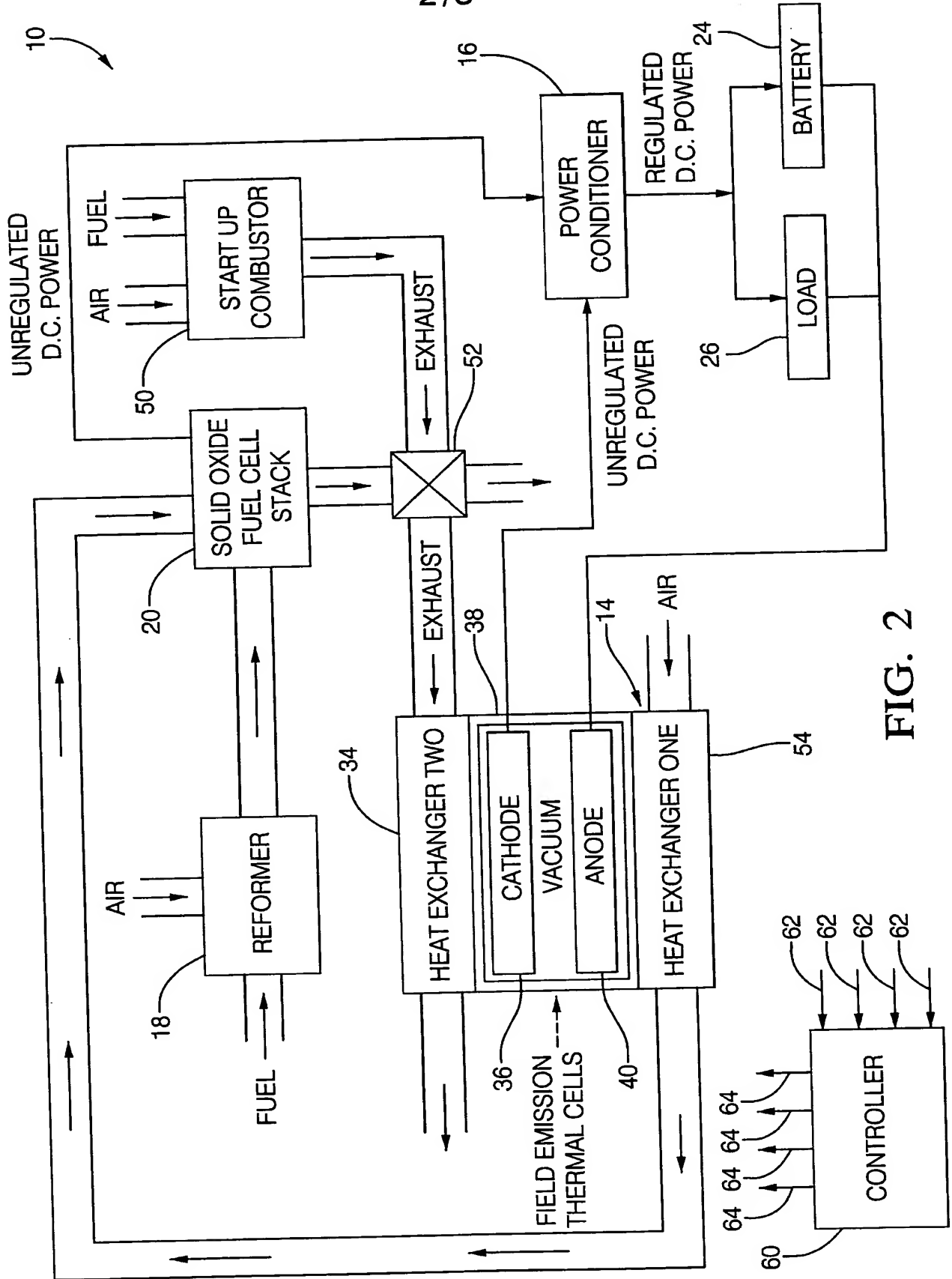


FIG. 2

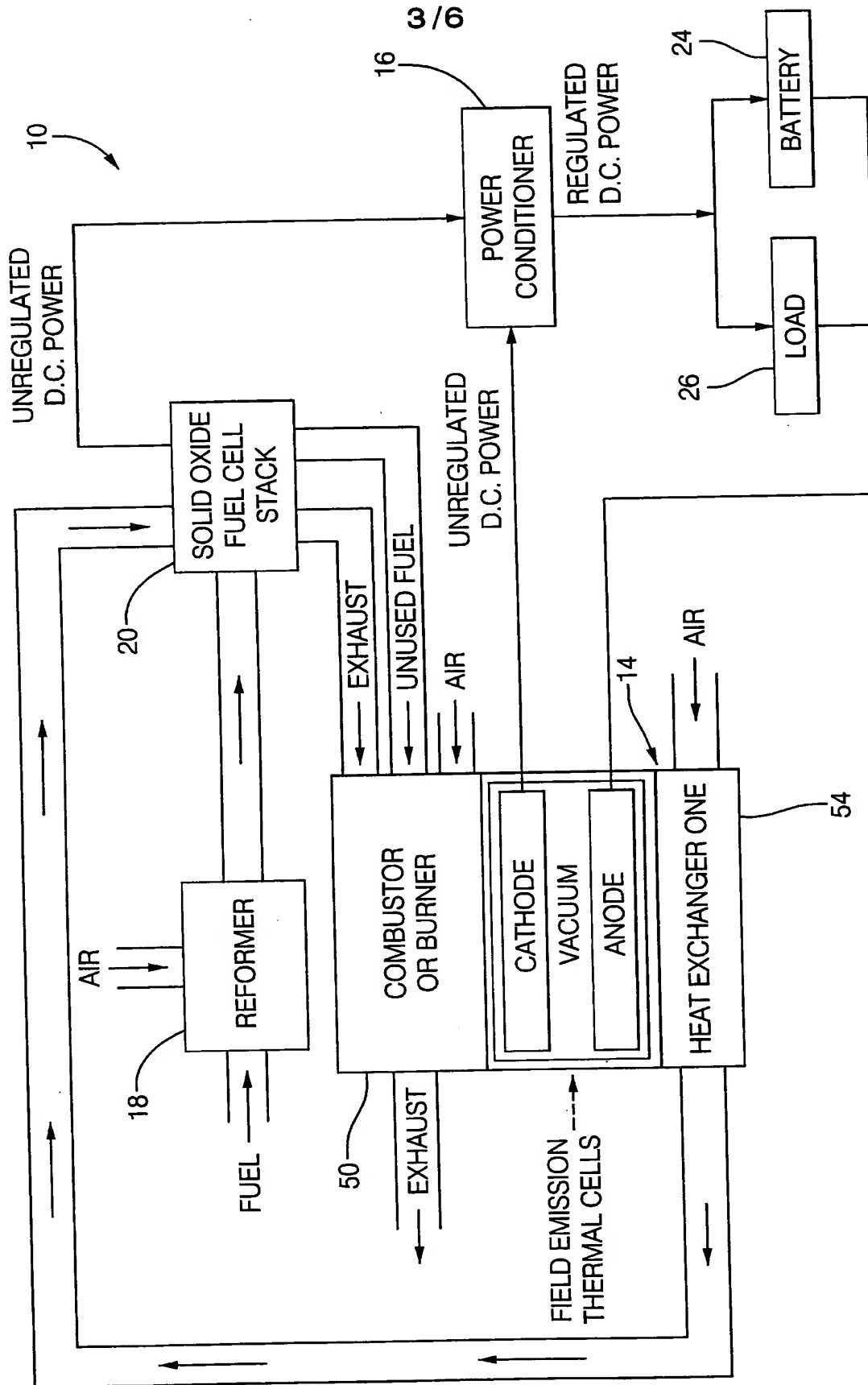


FIG. 3

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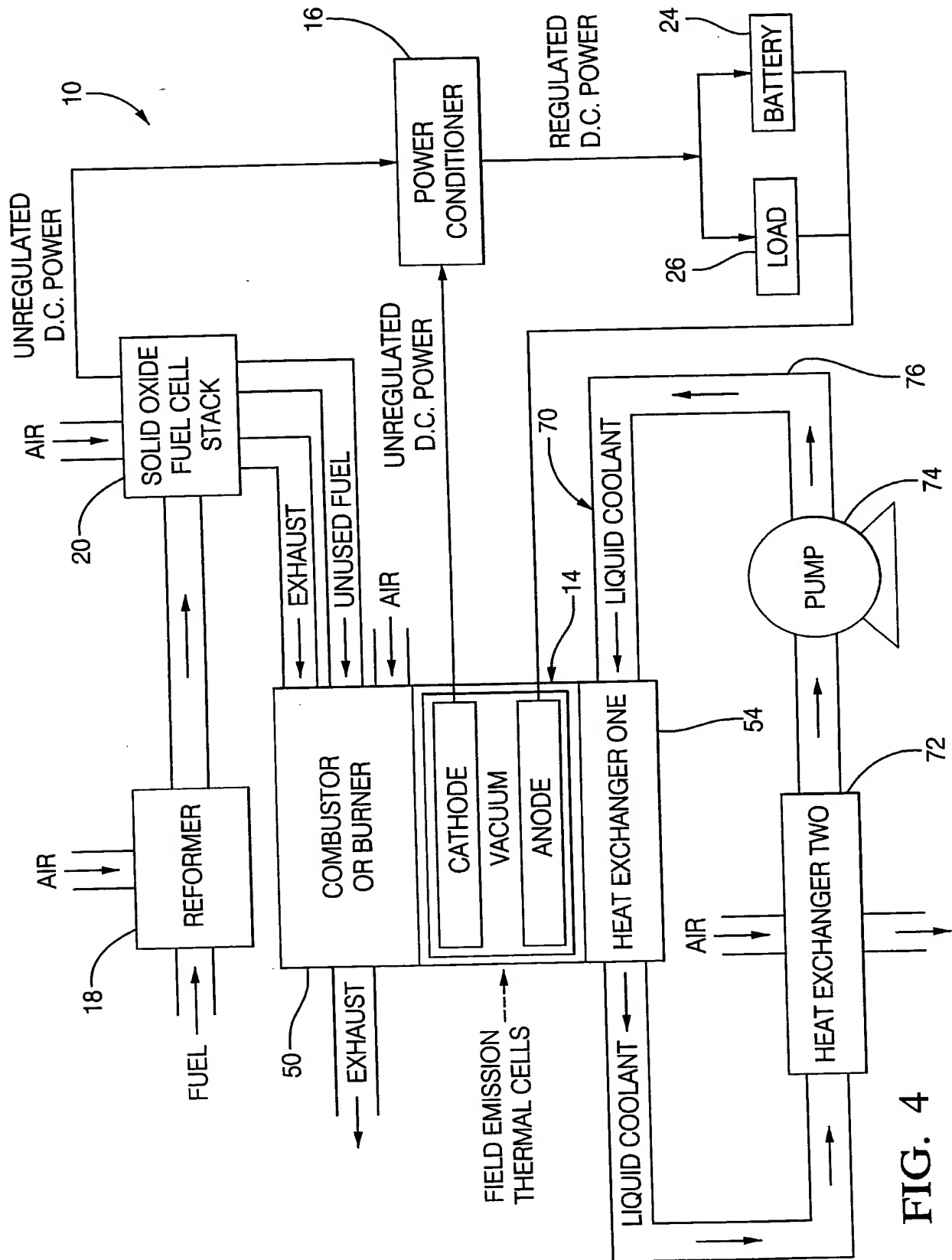


FIG. 4

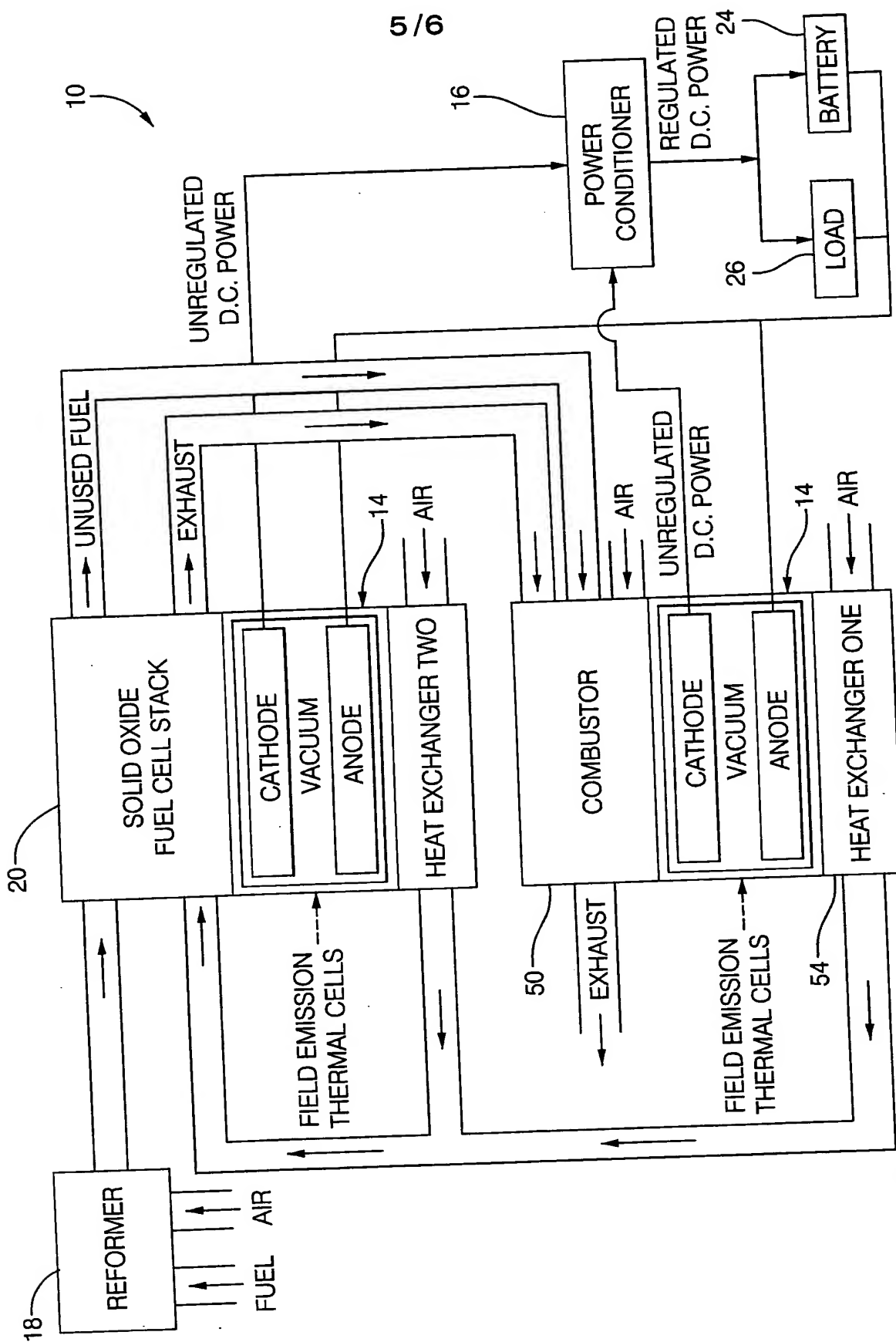


FIG. 5

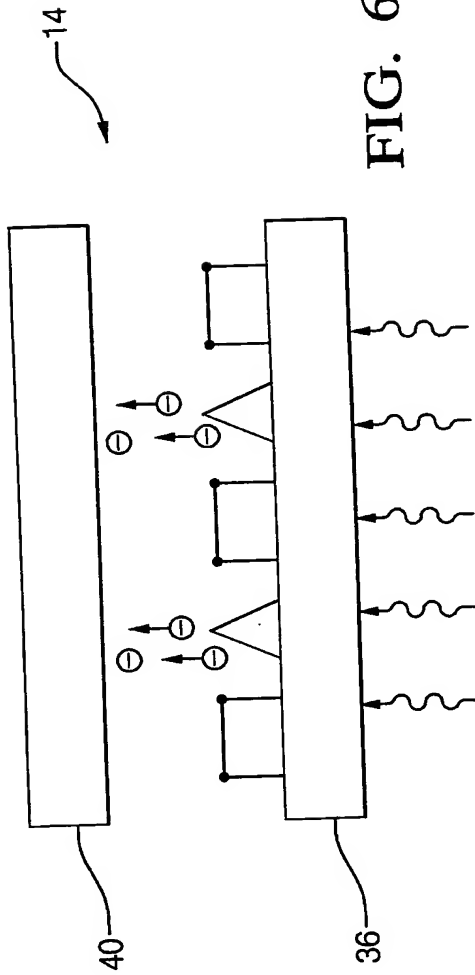


FIG. 6

				THERMO-ELECTRIC CONVERSION EFFICIENCY (20%) 10.0 WATTS/cm ^ 2			
		ASSUMES 65% UTILIZATION OF WASTE HEAT					
		INPUT THERMAL POWER AVAILABLE TO THERMO- ELECTRIC (kW)		INPUT THERMAL POWER AVAILABLE TO THERMO- ELECTRIC (kW)			
		WASTE OR EXHAUST POWER (kW)		WASTE OR EXHAUST POWER (kW)			
		SOFC ELECTRIC POWER (kW)		SOFC ELECTRIC POWER (kW)			
		ELECTRIC POWER/ SOFC EFFICIENCY (%)		ELECTRIC POWER/ SOFC EFFICIENCY (%)			
		INPUT FUEL POWER		INPUT FUEL POWER			
		15.00 kW		15.00 kW			
		10		10			
		15		15			
		20		20			
		25		25			
		30		30			
		35		35			
		1.5		1.5			
		2.25		2.25			
		3.00		3.00			
		3.75		3.75			
		4.50		4.50			
		5.25		5.25			
		13.50		13.50			
		12.75		12.75			
		12.00		12.00			
		11.25		11.25			
		10.50		10.50			
		9.75		9.75			
		8.78		8.78			
		8.29		8.29			
		7.80		7.80			
		7.31		7.31			
		6.83		6.83			
		6.34		6.34			
		1.76		1.76			
		1.66		1.66			
		1.56		1.56			
		1.46		1.46			
		1.37		1.37			
		1.27		1.27			
		21.70		21.70			
		26.05		26.05			
		30.40		30.40			
		34.75		34.75			
		39.10		39.10			
		43.45		43.45			
		176		176			
		166		166			
		156		156			
		146		146			
		137		137			
		127		127			

FIG. 7